

| C E | ıims | | D= | ta(z) | | | |
|--------------|----------------------------------|--|--|--------------------|------------------|--|---------------|
| | _ | | | , | | | |
| | | | - | | 50/21 | | |
| | Original | 1 | 0 | 8 | 1/ | | |
| ē | igi | | 2 | 132 | 10 | ١ ١ | |
| Final | 8 | | ~ | 1 | The state of | . | |
| | 51 | | _ | 0 | | | |
| | 51 52 53 54 55 | | | ~ | | | |
| | 53 | | 1 | 1 | 1-1- | | |
| | 54 | | 1 | | | | |
| | 55 | | | | | | |
| | 56 | | | | | | |
| | 57 | | _ | $\perp \downarrow$ | ╙ | | |
| | 56 57 58 59 | | + | \sqcup | $\vdash \vdash$ | ļ | |
| <u> </u> | 59 60 | 11.4 | + | + | ╁╂ | | |
| | 61 | | + | \vdash | + $+$ | <u> </u> | |
| | 62 | 1, 1 | \vdash | \vdash | | | |
| _ | 63 | | \vdash | \sqcap | 11 | | |
| | 62 63 64 | | | | | 1 | |
| | 65 | | | | II | | |
| | 66 67 | | | 11 | Щ | | L |
| | 67 | <u> </u> | 1 | | | | _ |
| | 68 69 | ļ | H | 1-1 | − | | _ |
| | 70 | | H | | + | | |
| | 71 | | H | + | ╁ | | |
| | 70 71 72 73 74 75 | | | | H | | |
| | 73 | | | \Box | 11 | | |
| | 74 | | | | | | |
| | 75 | | | $oxed{oxed}$ | | | |
| | 76 77 78 | | 1 | \coprod | \sqcup | <u> </u> | |
| L | 77 | ļ | | ┷ | + | | <u> </u> |
| | 178 | - | \vdash | ++ | ╁╂ | | - |
| | 79 80 | | | + | ╁ | ├─ | |
| ├ | 81 | ├ | | ++ | ++ | _ | ╁ |
| - | 81 82 | | $\vdash \vdash$ | 11 | 址 | 1 | T |
| \vdash | 83. | | | 11 | | | |
| | 84 85 | | \Box | | 1 | 1 | |
| | 85 | | | | 1 | | |
| <u> </u> | 86 87 | | ↓ ↓ | \sqcup | + | <u> </u> | |
| ļ | 87 | <u> </u> | \sqcup | + | 11 | + | - |
| | 88 | - | $\vdash \vdash$ | + | | +- | + |
| - | 89 90 | ┼ | ┼┤ | + | +1- | + | +- |
| - | 91 | | ┼┤ | + | +1- | | _ |
| - | 92 | t^{-} | | $\forall \dagger$ | # | T | † |
| <u> </u> | 93 | 1 | 11 | $\perp \uparrow$ | | | |
| | 94 | L | \coprod | | | | |
| | 95 | | \Box | \coprod | $\perp \Gamma$ | | <u> </u> |
| L_ | 96 | | 11 | \coprod | + | - | |
| <u></u> | 97 | — | # | #- | ++ | - | - |
| - | 98 | - | ╫ | + | + | ╂ | + |
| - | 99 | +- | 1 | 1. | 14 | +- | + |
| 1 | 1100 | 1 | 1 4 | 1 4 | 1 | | |

| CE | ims | | | Da | (3) | | | | |
|--------------|--|----------|-----------|------------|-----------------|---------|--|--|--|
| | | | | ٦ | | Τ | ~ | | |
| - | | | | | • | | 20/61/2 | | |
| | - | | • | õ | 0 | 1 | / | | |
| - | 먪 | | - | Š | ~ 0, | † | 7 | | |
| Final | Original | | - | ~ | - ''' | 1 | 3 | | |
| | | | _ | | 10/36/01 | ╀ | | | \vdash |
| | 101 102 | | - | \exists | 1 | ╁ | <u> </u> | | |
| | 103 | | П | H | + | t | T | | |
| | 104 | | | | ↓ | ŀ | J. | | |
| | 106 107 108 109 | | | | | 1 | | | |
| | 106 | | Н | Н | <u> </u> | + | V | | |
| | 10.0 | | Н | Н | + | ╀ | + | | - |
| | 10.9 | | H | Н | + | + | + | | |
| | 110 | | T | Г | \top | t | t | | |
| | 111 | | | | | I | | | |
| | 112 113 | | \perp | | | 1 | | | |
| | 113 | | ┞ | L | \vdash | + | + | <u> </u> | - |
| | 114 | | ┝ | Н | \vdash | + | ╁ | | 1 |
| | 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 | 1.0 | ╁ | H | \vdash | + | + | | |
| | 117 | | T | 1 | | Ť | | | |
| | 118 | 1 | | | | \prod | I | ž. | |
| L | 119 | | L | L | | Ц | 1_ | | <u> </u> |
| | 120 | | ╀ | ┞ | | H | ╀ | | |
| <u> </u> | 122 | | ╁ | ┢ | Н | H | + | <u> </u> | ├─ |
| | 123 | | 1 | Г | | H | 1 | | |
| | 124 | | I | | | | | | |
| | 125 | | ╄ | L | | 1 | _ | | ļ |
| | 126 | ļ | - | ╀ | | 4 | + | ├ | |
| | 128 | <u> </u> | +- | ╀ | 1 | + | + | <u> </u> | ┼─ |
| | 129 | ۵ | ╁ | t | H | + | + | | † |
| | 130 | | T | t | П | 7 | 1 | | |
| - | 131 | | L | | П | _ | T | |] |
| <u> </u> | 1132 | 1 | 1 | 1 | \sqcup | 4 | _ | <u> </u> | ↓ |
| ļ | 133 | ├ | ╀ | + | ┤┤ | 4 | + | | +- |
| <u> </u> | 134 | _ | + | + | \vdash | Н | + | - | + |
| | 133 134 135 136 | - | + | † | $\vdash \vdash$ | Н | + | \vdash | † |
| | 1137 | 1 | 1 | 1 | | | | | |
| | 138 | 1 | L | 1 | | Ц | I | | |
| <u> </u> | 139 | | \perp | 4 | \sqcup | Ц | 4 | - | |
| <u> </u> | 140 141 | 4- | + | + | \vdash | Н | 4 | \vdash | - |
| - | 141 | , | ╁ | + | + | Н | + | \vdash | + |
| - | 143 | 1 | + | + | += | H | + | T | + |
| 一 | 144 | | \dagger | t | | Н | | | |
| | 145 | ; | I | I | | | | | |
| | 146 |) | \perp | L | \Box | | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | <u> </u> | |
| | 147 | | + | L | 1-1 | | 1 | - | +- |
| \vdash | 148 | | + | - | 1 | _ | 1 | + | + |
| \vdash | 150 | | +. | g | 1 | | - | +- | + |
| L | Tion | | | 17. | 1 * | _ | | | |

| | Claims | | D: | ala(s) | | | |
|--|---|----------|----------|---------------|---|----------|----------|
| | | - | | | | | |
| ; h | | | | 10 | 102 | | |
| d., / | inal Original | | 260 | _ \ | /9/ | | l |
| | Final Origii | ·l | 2 | 129 | ,9/ | ` | |
| | 直方 | 1 | | -> | 7 | _ |] |
| ł | 151 | \vdash | V | 1,7 | | | - |
| Ì | 151 152 153 154 155 156 157 158 159 | \vdash | J | V | - | | ⊢ |
| 4 134 | 153 | | ~ | - | ++ | | - |
| T I | 154 | | | - | + | | _ |
| j | 155 | | | | -1-1 | | |
| | 158 | | | \dashv | + | | - |
| <u> </u> | 157 | - | | \rightarrow | \rightarrow | _ | _ |
| <u>-</u> | 150 | - | | | $-\!$ | | |
| | 150 | | -+ | | | | |
| - | 100 | | | | -11- | | |
| ⊦ | 100 | | | | | _ | |
| F | 101 | | | | -11 | | |
| - | 161 162 163 164 165 | | \dashv | - | 44 | | |
| - | 103 | _ | | | | | |
| - | 104 | - | | | | | |
| - | 100 | - | -+ | | 11 | _ | |
| <u> </u> - | 166 167 | - | - | | | | |
| - | 100 | | -+ | | + | | |
| 5- | 168 169 | | | | ┪ | | |
| - | 170 | | | | 1 | | |
| | 171 | | | | | _ | |
| <i>`</i> }⊢ | 171 172 | - | - | | - | _ | |
| 1 | 172 | | | - | | - | |
| | 174 | | - | - | | - | |
| <u> </u> | 175 | | | | + | | |
| | 176 | | - | + | - | + | |
| <u> </u> | 177 | \dashv | - - | + | - - | \dashv | - |
| | 173 174 175 176 177 178 179 | | _ | + | | + | \dashv |
| | 179 | \neg | + | _ | + | - - | 一 |
| | 180 | | | | + | + | ᅥ |
| | 180 181 182 | | + | _ | \vdash | | ᅱ |
| | 182 | | \top | \dashv | + | + | ᅱ |
| | 183 | | | | | \top | ᅱ |
| | 183 184 185 186 | | | | | \top | ヿ |
| _ | 185 | | | | | | \neg |
| _ | 186 | | | | | | |
| J | 110/1 | | | \perp | | | |
| <u> </u> | [188] | | | | | | |
| <u> </u> | 189 | | ┦_ | _ | | | ╛ |
| ₽— | 190 | _ | | _ | | | _ |
| | 191 192 | | + | - | - | 4_ | 4 |
| | 193 | - | + | - | +- | 4_ | 4 |
| - | 194 | +- | - | | + | +- | 4 |
| - | 195 | | +- | +- | +- | +- | 4 |
| - | 196 | | - | | +- | + | 4 |
| | 197 | | +- | + | + | + | \dashv |
| | 198 | | +- | +- | + | - | \dashv |
| | 199 | + | +- | + | + | ╁ | \dashv |
| | 200 | - | + | + | + | + | 4 |

| _ | | | _ | | | | | _ | _ | | | | _ | | | | _ |
|----------|-----------------|-------------|----------|---|---|----------|----------|----|----------|----------|---|-----------|---|----------|----------|----|----------|
| | Chins | | | | | | 1 |); | de | 3 2 |) | | | | | | |
| | | | T | | | | | | Γ | | | | | Γ | _ | ٦ | Γ |
| | i | 1 | | | | | | | | | 1 | | | l | | 1 | |
| | , | Original | | | | | | | | | ı | | | l | | -[| |
| - | ल | . <u>B</u> | . | | | | | i | | | 1 | | | | | 1 | |
| ۱ | rınal | Ö. | | | | | | | | | 1 | | | | | 1 | |
| F | | | ╀ | | _ | L. | | 4 | L | | 4 | | | L | | 4 | |
| - | \dashv | 201 202 | ╁╴ | | - | - | | - | _ | _ | 4 | | | L | | 4 | |
| \vdash | 7 | 203 | + | _ | 7 | _ | _ | 1 | - | - | ╁ | | - | - | | + | - |
| | | 204 | 1 | | 1 | | - | 1 | _ | | t | | _ | _ | _ | † | _ |
| | | 205 | | | | | | 1 | _ | | T | _ | ٦ | _ | _ | † | _ |
| _ | | 206 | | | 1 | | | Į | | | I | | | | | 1 | _ |
| - | 4 | 207 | L | | 4 | | | ļ | | | ļ | | _ | | | I | _ |
| - | - | 208 209 | <u> </u> | _ | + | | | ╀ | | | ╀ | _ | 4 | | | ╀ | |
| - | + | 210 | - | _ | + | - | | ł | | | ╁ | - | + | _ | | ╀ | _ |
| | 7 | 211 | <u> </u> | | t | | | t | | _ | t | _ | + | _ | _ | ╁ | _ |
| | 1 | 212 | | | Ì | | _ | t | | _ | T | | † | | _ | t | - |
| | 1 | 213 214 | | _ | I | | | | | | | | I | | | T | _ |
| - | 4 | 214 | | | L | | | L | | | L | | 1 | | | | |
| - | 1 | 215 216 | | _ | ŀ | | _ | L | | _ | L | | 4 | | _ | L | _ |
| - | + | 17 | | _ | ŀ | _ | - | _ | | _ | H | _ | + | | _ | L | _ |
| _ | 12 | 18 | | - | H | | - | _ | _ | _ | - | | ╁ | | \dashv | _ | _ |
| | 2 | 19 | | _ | r | | 7 | | | 7 | - | _ | t | _ | ٦ | _ | |
| | 12 | 20 | | | Ľ | _ | 1 | _ | _ | 1 | | | t | | 7 | _ | - |
| _ | 2 | 21 | | | | | 1 | _ | | | | | I | | | | |
| <u> </u> | 12 | 22 | | _ | _ | | 4 | _ | | 4 | _ | | L | |] | _ | |
| - | 듬 | 23 24 | | 4 | _ | | 4 | _ | | + | | | L | | 4 | _ | _ |
| H | 揎 | 25 | | ┪ | _ | - | + | _ | | ╁ | | | ┝ | | ╁ | _ | |
| | 2 | 26 | | 1 | - | _ | † | - | - | † | | | ┢ | _ | † | | |
| | | 27 | | | | | Ī | _ | | † | _ | | r | | † | _ | _ |
| | 2 | 28 29 | | 1 | | | 1 | _ | _ | I | | | | | Ι | | |
| <u> </u> | | | | 4 | _ | | 1 | | | 1 | | | | | 1 | | |
| | 2 | 30 | | + | | | + | _ | | + | | - | _ | | 4 | _ | _ |
| - | 2 | 32 | _ | + | | _ | t | - | _ | + | | - | | | ╀ | | |
| | 23 | 33 | | t | | | t | - | | + | _ | | | _ | t | _ | _ |
| | 23 | 34 | | I | | | Ī | _ | _ | T | | 7 | | | t | | _ |
| | 23 | 35 | | L | _ | | L | _ | | L | | | | | L | | _ |
| | 23 | | | 1 | | | 1 | | _ | L | | 4 | _ | | Ĺ | | |
| | 23 23 | | | + | | | \vdash | _ | _ | ╀ | | 4 | | _ | ┞ | | _ |
| | <u>23</u> | 19 18 | | H | | | H | - | _ | ┝ | | + | | _ | \vdash | | _ |
| | 24 | 0 | | 1 | - | | t | - | _ | H | | + | - | ٦ | H | _ | _ |
| | 24 | 1 | | L | _ | | | _ | | | | † | _ | 7 | | _ | - |
| | 24 | 2 | | Ĺ | | | | _ | | | | I | _ | | | | _ |
| | 24 24 | 3 | _ | ļ | | _ | _ | | | L | | 1 | | _ | | | |
| | <u>24</u> 24 | - | _ | - | _ | 4 | | | _ | <u>_</u> | _ | + | | 4 | | | 4 |
| - | 24 | <u>ĕ</u> - | - | - | | \dashv | | _ | \dashv | | | + | _ | \dashv | | _ | \dashv |
| | 24 | 7 | | - | - | 7 | _ | - | ┪ | | _ | \dagger | - | + | | _ | \dashv |
| | 24 | ΒĪ | | | _ | 7 | _ | _ | 1 | _ | _ | t | | 7 | _ | _ | 1 |
| | 249 | ϶IT | \Box | _ | | 1 | | _ | 1 | | | I | |] | _ | _ | 1 |
| : | 250 |] | | | | 1 | | _ | I | | | | | Ι | _ | _ | 1 |

| CI | ⊒ims | T | | | D: | de | (E) | - | | | | |
|-------------------|------------|----------|----------|----------|-----------|---------|-----------|----|-----------|----------|---|----------|
| | | | | | | Γ | | | | T | | Γ |
| | <u>_</u> | | | | | | | | | | | |
| Final | Original | | | | | | | | | | | |
| | 251 252 | _ | _ | _ | | _ | | | | _ | | |
| | 252 | | | | | | | | | | | |
| | 253 254 | | _ | | _ | | | | | | | |
| | 255 | | - | _ | - | _ | - | | _ | | _ | |
| | 256 | | \dashv | | + | | \dashv | | \dashv | | - | |
| | 256 257 | | 7 | | 7 | | 7 | | 7 | _ | + | |
| 1 1 | 258 | | | | | | | | 7 | _ | 1 | |
| | 259 | | _ | | \Box | | | | | | | |
| | 260 | | 4 | | 4 | | 4 | | 4 | | _ | |
| | 261 262 | | + | | 4 | | 4 | | 4 | | 4 | |
| | 263 | | + | | + | | \dashv | - | + | | + | |
| | 264 | | † | | + | | + | _ | \dagger | _ | + | |
| : | 265 | | I | | | _ | | | † | | T | |
| | 266 | | Ţ | | \perp | | I | | I | | | |
| - | 267 | | 4 | | + | | 4 | | 1 | | 1 | |
| | 268 269 | | + | | ╁ | | + | | + | | + | |
| | 270 | | $^{+}$ | | ╁ | _ | ╁ | | + | | + | |
| | 271 | | t | | \dagger | | \dagger | | † | | t | _ |
| 2 | 271 272 | | | | Τ | | | | T | | t | \neg |
| - 12 | 2731 | | L | | L | | | | I | | Ι | |
| -\ \f | 74 75 | | ╀ | | ╀ | | + | | - | | ╀ | |
| 15 | 76 | | ┝ | | ╁ | | ╀ | | ┝ | | ╀ | \dashv |
| $-\frac{1}{2}$ | 76 77 | | H | | ╁ | | ╁ | | H | | ╁ | \dashv |
| 2 | 78 79 | | | | T | _ | T | | Ι- | | t | ᅱ |
| 2 | 79 | | | | | | | | | | | |
| <u> 2</u> | 80 | | L | | L | | L | | Ĺ. | | | |
| $-\frac{ 2 }{2}$ | 81 82 | | L | | ┞ | | ╀ | | | | L | _ |
| | 83 | \dashv | | | ┝ | | + | | _ | | - | \dashv |
| 21 | 84 | | _ | | \vdash | _ | + | | _ | - | - | \dashv |
| 28 | 35 | Ŷ | | | | | L | | _ | | | \neg |
| 28 | 36 | _ | | | | | L | | | | | |
| $-\frac{128}{26}$ | 37 38 | 4 | | 4 | <u> </u> | | | _ | | _ | | _ |
| 28 | | \dashv | _ | \dashv | - | _ | - | - | | \dashv | _ | - |
| 29 | 30 | + | - | 寸 | _ | - | - | + | | + | | \dashv |
| 29 | 11 | | | | _ | | | _† | | \dashv | | \dashv |
| 29 | 2 | Ţ | _ | I | | | | I | | | | |
| 29 | 3 | 4 | _ | 4 | | _ | | _ | | \perp | | \Box |
| 29 29 | 4 | + | | + | _ | 4 | | 4 | _ | 4 | | \dashv |
| 29 | 6 | + | | + | | + | | + | _ | + | | \dashv |
| 29 | 7 | + | - | + | | + | | + | - | + | _ | \dashv |
| 29 | 8 | 士 | _ | | | 1 | | _ | _ | 十 | | 1 |
| 29 | 9 | I | _ | I | | 1 | | I | | | | |
| 30 | 민 | | _ | | | \perp | | | _ | \perp | _ | |

1

. .

i